



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Matthew O'Donnell, et al.

Group Art Unit: 3662

Examiner:

Serial No.: 10/643,659

Filed: August 19, 2003

For: ACOUSTIC MONITORING METHOD AND SYSTEM IN  
LASER-INDUCED OPTICAL BREAKDOWN (LIOB)

Attorney Docket No.: UOM 0276 PUSP

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

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Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and § 1.97-1.98, the references listed and identified on the attached Form PTO/SB08B are being submitted herewith for consideration by the Examiner.


While this Statement is being filed in compliance with the duty of disclosure, citation of the attached references is not to be construed as an admission that any of the reference(s) are "material" as defined under 37 C.F.R. § 1.56(b).

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

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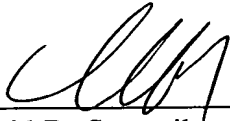
David R. Syrowik  
Name of Person Signing

  
Signature

If the filing date of this application is on or before June 30, 2003, a copy of each reference listed on the attached Form PTO/SB08B is included herewith. If this application was filed after June 30, 2003, copies of any cited U.S. patent/application references have not been included. Consideration and entry into the record of these references is respectfully requested.

Respectfully submitted,

**Matthew O'Donnell, et al.**

By:   
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Date: January 29, 2004

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/643,659
				Filing Date	August 19, 2003
				First Named Inventor	Matthew O'Donnell, et al.
				Group Art Unit	3662
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	UOM 0276 PUSP
<b>OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
		MILAS, SUSANNE M., ET AL., Acoustic Characterization of Microbubble Dynamics In Laser-Induced Optical Breakdown, IEEE Transactions on Ultrasonics, Ferroelectrics And Frequency Control, Vol. 50, No. 5, May 2003, pps. 517-522			
		MILAS, SUSANNE M., ET AL., Acoustic Detection of Microbubble Formation Induced By Enhanced Optical Breakdown of Silver/Dendrimer Nanocomposites, Applied Physics Letters, Vol. 82, NO. 6, February 10, 2003, pps. 994-996			
		O'DONNELL, M., ET AL., Acoustic Detection of Laser Induced Optical Breakdown In Dendrimer Nanocomposites: Implications For Site Targeted Molecular Diagnostics And Therapeutics, IEEE Ultrasonics Symposium, October 8-11, 2002, pps.1961-1964			
		TOMITA, Y., ET AL., Behavior of Laser-Induced Cavititation Bubbles In Liquid Nitrogen, Journal of Applied Physics, Vol. 88, No. 10, November 15, 2000, pps. 5993-6001			
		VENUGOPALAN, VASAN, ET AL., Role of Laser-Induced Plasma Formation in Pulsed Cellular Microsurgery and Micromanipulation, Physical Review Letter, Vol. 88, No. 7, February 18, 2002, pps. 078103-1-078103-4			
		NOACK, JOACHIM, ET AL., Influence of Pulse Duration on Mechanical Effects After Laser-Induced Breakdown in Water, Journal of Applied Physics, Vol. 83, No. 12, June 15, 1998, pps. 7488-7495			
		YE, JING YONG, ET AL., Enhancement of Laser-Induced Optical Breakdown Using Metal/Dendrimer Nanocomposites, Applied Physics Letters, Vol. 80, No. 10, March 11, 2002, pps. 1713-1715			
		DAYTON, PAUL A., ET AL., Optical And acoustical Dynamics of Microbubble Contrast Agents Inside Neutrophils, Biophysical Journal, Vol. 80, March 2001, pps. 1547-1556			

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.